

TABLE OF CONTENTS

List of Tables	iii
List of Figures	v
Executive Summary	vii
Chapter 1: Introduction	1
Legal Background	2
Process for Establishment of Minimum Flows and Levels	2
Preliminary Issues	5
Minimum Flow and Levels Recovery and Prevention Strategy	10
Document Structure	11
Chapter 2: Description of Priority Water Bodies	13
Regional Rainfall Patterns	13
Natural Versus Managed Hydrology	14
Lake Okeechobee.....	17
The Everglades	26
Coastal Biscayne Aquifer	36
Identification of Baseline Conditions for Water Resource Functions	40
Chapter 3: Methods	47
Lake Okeechobee.....	47
Everglades.....	50
Biscayne Aquifer	53
Chapter 4: Proposed Minimum Flows and Levels Criteria	61
Lake Okeechobee.....	61
Everglades.....	76
Biscayne Aquifer	94

Chapter 5: Conclusions and Recommendations	113
Lake Okeechobee.....	113
The Everglades	115
Coastal Biscayne Aquifer	118
General Recommendations	120
Proposed Research Programs.....	121
References	129